



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

SOUTHWEST REGIONAL OFFICE
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Matthew J. Strickler
Secretary of Natural Resources

David K. Paylor
Director
(804) 698-4000

Jeffrey Hurst
Regional Director

April 8, 2019

Mr. Michael Fairbanks
Division Manager, Division of Waste Management
Department of General Services
Loudoun County, Virginia
801 Sycolin Road, S.E.
P.O. Box 7100
Leesburg, Virginia 20177-7100

Location: Loudoun County, Virginia
Registration No. 72348

Dear Mr. Fairbanks:

Attached is a renewal Title V permit to operate your facility pursuant to 9VAC5 Chapter 80 Article 1 of the Virginia Regulations for the Control and Abatement of Air Pollution. The attached permit will be in effect beginning April 8, 2019.

In the course of evaluating the application and arriving at a final decision to issue this permit, the Department of Environmental Quality (DEQ) deemed the application complete on November 15, 2018, and solicited written public comments by placing a newspaper advertisement in the *Loudoun Times-Mirror* on January 18, 2019. The thirty-day required comment period, provided for in 9VAC5-80-270, expired on February 19, 2019.

This permit contains legally enforceable conditions. Failure to comply may result in a Notice of Violation and/or civil charges. Please read all permit conditions carefully.

This permit approval to operate shall not relieve Loudoun County, Virginia – Department of General Services – Waste Management Division of the responsibility to comply with all other local, state, and federal permit regulations.

Mr. Michael Fairbanks

April 8, 2019

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The Board's Regulations as contained in Title 9 of the Virginia Administrative Code 5-170-200 provide that you may request a formal hearing from this case decision by filing a petition with the Board within 30 days after this case decision notice was mailed or delivered to you. Please consult the relevant regulations for additional requirements for such requests.

As provided by Rule 2A:2 of the Supreme Court of Virginia, you have 30 days from the date you actually received this permit or the date on which it was mailed to you, whichever occurred first, within which to initiate an appeal of this decision by filing a Notice of Appeal with:

David K. Paylor, Director
Department of Environmental Quality
P. O. Box 1105
Richmond, VA 23218

If this permit was delivered to you by mail, three days are added to the thirty-day period in which to file an appeal. Please refer to Part Two A of the Rules of the Supreme Court of Virginia for information on the required content of the Notice of Appeal and for additional requirements governing appeals from decisions of administrative agencies.

If you have any questions concerning this permit, please call James LaFratta at (703) 583-3928.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rob Feagins', written over a circular stamp or seal.

Rob Feagins
Air Permit Manager
Southwest Regional Office

GRF/ABM/72348VA.FNL-19

Attachment: Permit

- c: Director, OAPP (electronic file transfer)
- Manager, Data Analysis (electronic file transfer)
- Office of Permits and Air Toxics (3AP10), U.S. EPA, Region III (electronic file submission)



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**Federal Operating Permit
Article 1**

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1, of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act, and 9VAC5-80-50 through 9VAC5-80-300, of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

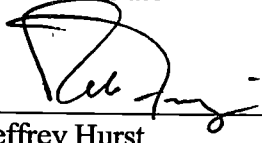
Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

| | |
|----------------------|---|
| Permittee Name: | Loudoun County, Virginia – Department of General Services – Waste Management Division |
| Facility Name: | Loudoun County Solid Waste Management Facility |
| Facility Location: | 21101 Evergreen Mills Road, Leesburg, Virginia 20175 |
| Registration Number: | 72348 |
| Permit Number: | NRO72348 |

This permit includes the following programs:

Federally Enforceable Requirements - Clean Air Act

April 8, 2019
Effective Date


Jeffrey Hurst
Southwest Regional Director

April 7, 2024
Expiration Date

APRIL 8, 2019
Signature Date

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Facility Information

Permittee

Loudoun County, Virginia – Department of General Services – Waste Management Division
801 Sycolin Road, S.E.
P.O. Box 7100
Leesburg, Virginia 20177-7100

Responsible Official

Mr. Michael Fairbanks
Division Manager, Division of Waste Management

Facility

Loudoun County Solid Waste Management Facility
21101 Evergreen Mills Road
Leesburg, Virginia 20175

Contact Person

Mr. Michael Fairbanks
Division Manager, Division of Waste Management
(703) 209-8172

County-Plant Identification Number: 51-107-00135

Facility Description: NAICS 562212 - The Loudoun County Solid Waste Management Facility (LCSWMF) consists of a nonhazardous municipal solid waste (MSW) landfill with two disposal units: Loudoun County Landfill Disposal Unit (LCLFDU) and Woods Road Disposal Unit (WRDU). Waste is delivered to the landfill in trucks and transported on paved and gravel haul roads to the working face of the disposal unit.

Over time, the landfilled MSW undergoes anaerobic decomposition forming landfill gas (LFG) consisting of approximately of 50% methane and 50% carbon dioxide by volume and a small amount of non-methane organic compounds (NMOC). This NMOC fraction often contains various organic hazardous air pollutants (HAPs) and volatile organic compounds (VOC).

The facility operates a collection and control system to collect and control emissions of LFG. LFG is collected from the interior of the landfill by a series of vertical extraction wells and horizontal trenches, which are embedded in the landfill at various depths. The extraction wells or trenches are connected to header pipes that direct the LFG to an enclosed flare where the collected gas is destroyed through combustion.

Emission Units

Emission units at this facility consist of:

| Emission Unit ID | Stack ID | Emission Unit Description | Size/Rated Capacity* | Pollution Control Device (PCD) Description | PCD ID | Pollutant Controlled | Applicable Permit Date |
|------------------|----------|--------------------------------|----------------------|--|--------|-------------------------------|---|
| Landfill | | | | | | | |
| LCSWMF | P001 | Municipal solid waste landfill | 8,354,070 Mg | One (1) LFG Specialties enclosed flare, model EF84018, rated at 1,500 SCFM | P001R | Non-methane Organic Compounds | September 27, 2018, minor new source review (NSR) |

*The Size/Rated capacity is provided for informational purposes only, and is not an applicable requirement.

Landfill Requirements - (Emission Unit: LCSWMF)

1. Landfill Requirements - Limitations - The total design capacity of Loudoun County Solid Waste Management Facility (LCSWMF) is 8,354,070 Mg (9,208,834 tons). A change in the design capacity may require a permit to modify and operate.
(9VAC5-80-110 and Condition 1 of 9/27/18 NSR Permit)
2. Landfill Requirements - Limitations - The permittee shall operate the active Landfill Gas (LFG) collection and control system (GCCS) in the following manner:
 - a. Design the system to handle the combined maximum expected gas flow rate from LCSWMF, which has been calculated to be 1,750 cubic feet per minute, using the procedures listed in 40 CFR 60.755(a)(1). The maximum expected gas flow rate shall be recalculated when design capacity is increased or additional phases other than those listed in the LFG collection and control system design plan are proposed for landfill expansion and the LFG system shall be redesigned to handle the maximum expected gas flow rate from the entire area of the landfill;
 - b. Collect gas from each area, cell, or group of cells in which initial solid waste has been in place for a period of:
 - i. 5 years or more if active;
 - ii. 2 years or more if closed or at final grade;
 - c. Collect gas at a sufficient extraction rate. Upon maturation of the landfill and full implementation of the gas collection system, the gas collection system shall meet the requirements of 40 CFR 60.753.
 - d. Operate each wellhead under negative pressure except as provided by 40 CFR 60.753 (b).
 - e. Operate each interior wellhead in the collection system such that it has a landfill gas temperature less than 55°C and has either:
 - i. Nitrogen content less than twenty percent, as determined by EPA Method 3C; or
 - ii. An oxygen content less than five percent, as determined by EPA Method 3A or 3C, given exceptions listed in 40 CFR 60.753(c)(2).

The permittee may establish a higher operating temperature, nitrogen, or oxygen value at a particular well. A higher operating value demonstration shall show supporting data that the elevated parameter does not cause fires or significantly inhibit anaerobic decomposition by killing methanogens.

- f. Design the system to minimize off-site migration of subsurface gas from LCSWMF by installing liners meeting the requirements listed in 40 CFR 258.40.
- g. Control landfill gas emissions by routing the collected landfill gas to the LFG Specialties enclosed flare (Ref No. P001R). The enclosed flare shall meet the requirements of 40 CFR 60.752(b)(2)(iii).
- h. Maintain the methane concentration at the surface of the landfill at less than 500 ppmv above the background level.

If monitoring demonstrates that the operational requirements in subsections d, e, and h of this condition are not met, corrective actions shall be taken as specified in 40 CFR 60.755(a)(3) through (5), or 40 CFR 60.755(c). If corrective actions are taken as specified above, the monitored exceedance shall not be considered a violation of the operational requirements of this condition.

(9VAC5-80-110, 40 CFR 60.752(b)(2)(ii)(A) and (b)(2)(iv), 40 CFR 60.753, 40 CFR 63.1955(a)(1), and Condition 2 of 9/27/18 NSR Permit)

- 3. Landfill Requirements - Limitations - Non-methane organic compounds (NMOC) contained in the landfill gas shall be controlled by an enclosed flare. The enclosed flare shall be provided with adequate access for inspection and shall be in operation when the LFG collection system is operating.
(9VAC5-80-110, 40 CFR 60.752(b)(2)(iii), 40 CFR 60.753(f), 40 CFR 63.1955(a)(1), and Condition 3 of 9/27/18 NSR Permit)
- 4. Landfill Requirements - Limitations - The enclosed flare shall achieve a control efficiency for NMOC of no less than ninety-eight (98) percent on a mass basis, or reduce NMOC outlet concentration to less than twenty (20) ppmv, dry, as hexane at three percent oxygen (as determined by EPA Method 25C or EPA Method 18).
(9VAC5-80-110, 40 CFR 60.752(b)(2)(iii)(B), 40 CFR 63.1955(a)(1), and Condition 4 of 9/27/18 NSR Permit)
- 5. Landfill Requirements - Limitations - Unless otherwise specified, dust emission controls shall include the following or equivalent as a minimum:
 - a. Dust from grading, cell construction, waste compaction, application of daily cover, wood waste chipping operations, storage piles and traffic areas shall be controlled by wet suppression or equivalent control measures (as approved by the DEQ).
 - b. All material being stockpiled shall be kept moist by wet suppression or equivalent method (as approved by DEQ), including growth of vegetation, to control dust during storage and handling, or be covered to minimize emissions.

- c. Dust from haul roads shall be controlled by wet suppression and prompt removal of dried sediment resulting from soil erosion and dirt spilled or tracked onto paved surfaces within the landfill.
 - d. Reasonable precautions shall be taken to prevent deposition of dirt on public roads and subsequent dust emissions. Dirt spilled or tracked onto paved surfaces shall be promptly removed to prevent particulate matter from becoming airborne.
(9VAC5-80-110 and Condition 5 of 9/27/18 NSR permit)
- 6. Landfill Requirements - Limitations - The LFG control system shall be in operation at all times when the collected gas is routed to the system. The LFG collection system shall be shut down and all valves in the collection and control system allowing atmospheric venting of LFG shall be closed within one hour if the GCCS is inoperable.
(9VAC5-80-110, 40 CFR 60.753(e) and (f), 40 CFR 63.1955(a)(1), and Condition 15 of 9/27/18 NSR Permit)
- 7. Landfill Requirements - Limitations - Emissions from the enclosed flare (Ref. No. P001R) shall be controlled by proper operation and maintenance. Each operator shall be trained in the proper operation of all such equipment. Training shall consist of a review and familiarization of the manufacturer's operating instructions, at minimum. The permittee shall maintain records of the required training including a statement of time, place, and nature of training provided. The permittee shall have available good written operating procedures and a maintenance schedule for the utility flare. These procedures shall be based on the manufacturer's recommendations, at minimum. See Condition 23 for recordkeeping associated with this Condition.
(9VAC5-80-110 and Condition 16 of 9/27/18 NSR Permit)
- 8. Landfill Requirements - Limitations - The approved fuel for the LFG Specialties enclosed flare (Ref. No. P001R) is LFG. The flare may also use propane gas or natural gas to ignite the pilot flame in the flare. A change in the fuel may require a permit to modify and operate.
(9VAC5-80-110 and Condition 17 of 9/27/18 NSR Permit)
- 9. Landfill Requirements - Limitations - The collection and control system may be shut down or removed provided the following conditions are met:
 - a. The landfill shall be a closed landfill as defined in 40 CFR 60.751 and under the requirements of 9VAC20-80-250 E.
 - b. The collection and control system shall have been in operation a minimum of fifteen years; and
 - c. Following the procedures specified in 40 CFR 60.754 (b), the calculate NMOC gas produced by the landfill shall be less than twenty-three megagrams per year on three

successive test dates. The test dates shall be no less than ninety days apart, and no more than 180 days apart.

(9VAC5-80-110, 40 CFR 60.752(b)(2)(v)(A) – (C), 40 CFR 63.1950, and Condition 18 of 9/27/18 NSR permit)

10. Landfill Requirements - Limitations - Except where this permit is more restrictive than the applicable requirement, the MSW landfill shall be constructed and operated in compliance with the applicable requirements of 40 CFR 60 Subpart WWW and 40 CFR 63, Subpart AAAA.

(9VAC5-80-110, 40 CFR 60 Subpart WWW, 40 CFR 63 Subpart AAAA and Condition 19 of 9/27/18 NSR Permit)

11. Landfill Requirements - Limitations - Emissions from the operation of the enclosed flare (Ref. No. P001R) shall not exceed the limits specified below:

| | | |
|---------------------------------------|---------------|----------------|
| Nitrogen Oxides (as NO ₂) | 0.06 lb/MMBtu | 14.2 tons/year |
| Carbon Monoxide | 0.40 lb/MMBtu | 94.6 tons/year |

These emissions are derived from the estimated overall emission contribution from operating limits. Exceedance of the operating limits may be considered credible evidence of the exceedance of emissions limits.

(9VAC5-80-110 and Condition 20 of 9/27/18 NSR Permit)

12. Landfill Requirements - Limitations - Visible emissions from the enclosed flare (Ref. No. P001R) shall not exceed five percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed ten percent opacity as determined by the EPA Method 9 (reference 40 CFR 60, Appendix A). This condition applies at all times except during startup, shutdown, and malfunction.

(9VAC5-80-110 and Condition 21 of 9/27/18 NSR Permit)

13. Landfill Requirements - Limitations - The permittee shall develop and implement a written startup, shutdown, and malfunction (SSM) plan according to the provisions in 40 CFR 63.6(e)(3). A copy of the SSM plan must be maintained on site. Failure to write, implement, or maintain a copy of the SSM plan is a deviation from the requirements of 40 CFR Part 63, Subpart AAAA.

(9VAC5-80-110 and 40 CFR 63.1960)

14. Landfill Requirements - Monitoring - The operation of the gas collection system and landfill surface shall be monitored as follows:

a. The following items shall be monitored each month:

i. Gauge pressure, each well.

- ii. LFG temperature, each active well.
- iii. Nitrogen concentration or oxygen concentration, each active well.
- b. In order to meet the requirement of Condition 2.h, the surface of the landfill shall be monitored for methane in the following manner:
 - i. Using an organic vapor analyzer, flame ionization detector, or other portable monitor meeting the specifications of 40 CFR 60.755(d).
 - ii. The permittee shall monitor surface concentrations of methane along the entire perimeter of the collection area and along a pattern that traverses the landfill at 30 meter intervals for each collection area on a quarterly basis using an organic vapor analyzer, flame ionization detector, or other portable monitor, as stated in 40 CFR 60.755(c).
 - iii. In accordance with section 4.3.1 of Reference Method 21 of Appendix A of 40 CFR Part 60, except that the probe inlet shall be placed with 5 to 10 centimeters off the ground.
 - iv. Monitoring shall be conducted during typical meteorological conditions. (9VAC5-80-110, 40 CFR 60.752(b)(2)(iv), 40 CFR 60.753(d), 40 CFR 60.755(a)(3), (a)(5), (c)(1) and (c)(3), 40 CFR 60.756(a) and (f), 40 CFR 63.1960, and Condition 6 of 9/27/18 NSR Permit)
- 15. Landfill Requirements - Monitoring - The following shall be monitored for the gas control system:
 - a. Periods of flare inactivity. Flare inactivity is defined as periods when the combustion temperature is less than 1076°F (the auto-ignition temperature of methane).
 - b. The combustion temperature of the enclosed flare shall be continuously monitored, and recorded no less than every 15 minutes. (9VAC5-80-110, 40 CFR 60.756(b)(1), 40 CFR 60.758(b)(2)(i), 40 CFR 63.1960, and Condition 7 of 9/27/18 NSR Permit)
- 16. Landfill Requirements - Monitoring - The permittee shall implement a program for cover integrity and implement cover repairs as necessary on a monthly basis, in accordance with 40 CFR 60.755(c)(5). (9VAC5-80-110, 40 CFR 60.756(f), 40 CFR 60.755(c)(5), 40 CFR 63.1960, and Condition 8 of 9/27/18 NSR Permit)

17. Landfill Requirements - Monitoring - The GCCS shall be equipped with a continuous gas flow rate measuring device that shall record LFG flow to, or bypassed from, the enclosed landfill gas flare at a minimum frequency of at least once every fifteen minutes.
(9VAC5-80-110, 40 CFR 60.756(b)(2)(i), 40 CFR 63.1960, and Condition 9 of 9/27/18 NSR Permit)
18. Landfill Requirements - Monitoring
 - a. The enclosed flare (Ref. No. P001R) shall be equipped with a temperature monitoring device and a continuous recorder. The temperature monitoring device shall have a minimum accuracy of +/- one percent of the temperature being monitored or +/- 0.5°C, whichever is greater.
 - b. The enclosed flare (Ref. No. P001R) shall be equipped with an automatic shut-down device to prevent discharge of LFG to the atmosphere during periods of flare inactivity.
 - c. The monitoring devices shall be installed maintained, calibrated, and operated in accordance with approved procedures which shall include, at a minimum, the manufacturer's written requirements or recommendations. The monitoring devices shall be provided with adequate access for inspection and shall be in operation when the GCCS is operating.
(9VAC5-80-110, 40 CFR 60.753(e), 40 CFR 60.756(b)(1)(i), 40 CFR 63.1960, and Condition 10 of 9/27/18 NSR Permit)
19. Landfill Requirements - Monitoring - To ensure proper performance, the monitoring devices used to continuously measure total LFG flow and operating temperature of the enclosed flare shall be observed by the permittee with a frequency of not less than once per flare operating day (excluding weekends and County-approved holidays if there are no personnel on site and no remote monitoring capability). The permittee shall keep a log of the observations of the LFG flow rate and enclosed flare temperature monitoring devices.
(9VAC5-80-110 and Condition 11 of 9/27/18 NSR Permit)
20. Landfill Requirements - Monitoring - If positive gauge pressure exists at any well head during the monthly monitoring required in Condition 14, action shall be initiated to correct the exceedance within five days, except under the following conditions: when there is a fire or increased well temperature; when an alternative pressure limit was established in the design plan as a result of the use of a geomembrane or synthetic cover; and directly after shutdown of a well. If a negative pressure cannot be achieved without excess air infiltration within fifteen days of the first measurement, the gas collection system shall be expanded to correct the exceedance within 120 days of the initial measurement of positive pressure.

Any attempted corrective measure shall not cause exceedance of other operational or performance standards. An alternative schedule may be submitted to Regional Air Compliance Manager of the DEQ's NRO for approval.

(9VAC5-80-110, 40 CFR 60.753(b) and (g), 40 CFR 60.755(a)(3), 40 CFR 63.1960, and Condition 12 of 9/27/18 NSR Permit)

21. Landfill Requirements - Monitoring - If conditions at an active well head equal or exceed 55°C (131°F) or five percent oxygen concentration during the monthly monitoring required in Condition 14, action shall be initiated to correct the exceedance within five days. If correction of the exceedance cannot be achieved within fifteen days from the first measurement, the gas collection system shall be expanded to correct the exceedance within 120 days of the initial exceedance. Any attempted corrective measure shall not cause an exceedance of other operational or performance standards. An alternative schedule may be submitted to the Regional Air Compliance Manager of the DEQ's NRO for approval. (9VAC5-80-110, 40 CFR 60.753(c), 40 CFR 60.755(a)(5), 40 CFR 63.1960, and Condition 13 of 9/27/18 NSR Permit)
22. Landfill Requirements - Monitoring - If surface emissions of methane equal or exceed 500 parts per million above background during the quarterly monitoring required in Condition 14, actions shall be taken as follows:
 - a. The location of each monitored exceedance shall be marked and the location recorded.
 - b. Maintenance to the landfill cover or adjustment to the vacuum of the adjacent wells to increase gas collection in the vicinity of each exceedance shall be made. The location shall be re-monitored within ten days of detecting an exceedance.
 - c. If re-monitoring of the location shows a second exceedance, additional corrective action shall be taken and the location shall be re-monitored again within ten days of the second exceedance.
 - d. For any location that shows an exceedance three times within a quarterly period, a new well or other collection device shall be installed within 120 days of the initial exceedance. An alternative remedy to correct the exceedance and an alternative time line to complete the remedy may be submitted to the Regional Air Compliance Manager of the DEQ's NRO for approval.
 - e. Any location that initially showed an exceedance but has a methane concentration less than 500 parts per million above background after the first or second ten-day re-monitoring shall be re-monitored one month from the initial exceedance. If the one-month re-monitoring shows no exceedance, no further monitoring is required at that location until the next quarterly monitoring period. If the one-month re-monitoring shows an exceedance, then follow the steps in c and d above.

As long as the specified actions are taken, the exceedance(s) are not a violation of the operational requirements of this permit or 40 CFR 60.753.

(9VAC5-80-110, 40 CFR 60.755(c)(4)(i) – (v), 40 CFR 63.1960, and Condition 14 of 9/27/18 NSR Permit)

23. Landfill Requirements - Recordkeeping - The permittee shall maintain records of all emissions data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be agreed upon with the Regional Air Compliance Manager of the DEQ's NRO. These records shall include, but are not limited to:
- a. Current maximum design capacity report which triggered 40 CFR 60.752(b), current amount of refuse in place, and year by year refuse accumulation rates.
 - b. Total annual landfill gas flow to the enclosed flare, recorded monthly, as the sum of each consecutive twelve-month period. Compliance for the consecutive twelve-month period shall be demonstrated monthly by adding the total for the most recently completed calendar month to the individual monthly totals for the preceding eleven months.
 - c. Description, location, amount, and placement date of all non-degradable refuse including asbestos and demolition refuse placed in landfill areas which are excluded from landfill gas collection and control.
 - d. Installation date, location, and construction details of all newly installed vents, wells, and flares.
 - e. Map or plot showing each existing and planned well in the gas collection system with each well uniquely identified.
 - f. Maximum expected gas generation flow rate as calculated in 40 CFR 60.755(a)(1), or by other means as approved by the Regional Air Compliance Manager of the DEQ's NRO.
 - g. Results of quarterly surface monitoring demonstrating compliance with Condition 14b.
 - h. The density of wells, horizontal collectors, surface collectors, or other gas extraction devices determined using the procedures listed in 40 CFR 60.759(a)(1).
 - i. Monthly well field results demonstrating compliance with Condition 14.a.
 - j. Monthly gas control system monitoring results demonstrating compliance with Condition 15.

- k. Records of all three hour periods during which the average combustion temperature of the enclosed flare was more than 28°C (82°F) below the average combustion temperature of the enclosed flare as determined during the most recent performance test.
- l. Specific corrective action(s) taken pursuant to Conditions 20, 21, and 22, including date corrective action(s) was taken, date re-monitoring occurred and re-monitoring result(s).
- m. A copy of the most recent approved gas collection and control system design plan.
- n. All decommissioned wells and supporting documentation to show the reason for decommissioning each well.
- o. All occurrences of the LFG collection or control system shut down that are greater than or equal to one hour in duration. These records shall include date, duration of time, and reason the system was inoperable.
- p. Records of the indication of flow to the control device or the indication of bypass flow, or records of monthly inspections of car-seals or lock-and-key configurations used to seal bypass lines, specified under 40 CFR 60.756.
- q. Value and length of time for exceedance of applicable parameters monitored under sections 40 CFR 60.756 (a), (b), (c), and (d).
- r. The log of observations of the LFG flow rate and enclosed flare temperature monitoring devices as required in Condition 19.
- s. A copy of the facility SSM plan and SSM events, as required by 40 CFR Part 63, Subpart AAAAA.
- t. Scheduled and unscheduled maintenance for the flare and operator training, as stated in Conditions 7 and 32.

These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.

(9VAC5-80-110, 40 CFR 60.758, 40 CFR 63.1980(a) and Condition 25 of 9/27/18 NSR Permit)

- 24. Landfill Requirements - Testing - Every five years, from the date of the initial performance test, or upon request by the DEQ, the permittee shall conduct additional performance tests to demonstrate compliance with the emission limits or control efficiency requirements contained in Conditions 4 and 11 of this permit. The NMOC testing shall be performed in accordance with the conditions set forth in 40 CFR 60.754(d). The details of the tests shall

be arranged with the Regional Air Compliance Manager of the DEQ's NRO (at the address listed in Condition 26). The permittee shall submit a test protocol at least thirty days prior to testing. Two (2) copies of the test results shall be submitted to the Regional Air Compliance Manager of the DEQ's NRO within forty-five days after test completion. An extension, if requested, shall be considered on a case-by-case basis. The test report shall conform to the test report format enclosed with this permit.
(9VAC5-80-110 and Condition 22 of 9/27/18 NSR Permit)

25. Landfill Requirements - Testing - The enclosed flare and associated piping shall be constructed so as to allow for emissions testing upon reasonable notice at any time, using appropriate methods. Sampling ports shall be provided when requested by the DEQ at the appropriate locations or in accordance with the applicable performance specification and safe sampling platforms and access shall be provided.
(9VAC5-80-110 and Condition 23 of 9/27/18 NSR Permit)
26. Landfill Requirements - Reporting - All correspondence concerning this permit should be submitted to the following address:

Regional Air Compliance Manager
Department of Environmental Quality
Northern Regional Office
13901 Crown Court
Woodbridge, VA 22193

Also, correspondence to the U.S. EPA should be submitted to the following address:

Associate Director
Office of Air Enforcement and Compliance Assistance (3AP20)
U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19103-2029
(9VAC5-80-110 and Condition 24 of 9/27/18 NSR Permit)

27. Landfill Requirements - Reporting - The permittee shall maintain records of all emissions data and operating parameters necessary to demonstrate compliance with this permit. The permittee shall submit to the Regional Compliance Manager of the DEQ's NRO semi-annual reports of the recorded information in paragraphs a through f of this condition. The content and format of such records and reports shall be agreed upon with the Regional Air Compliance Manager of the DEQ's NRO. These records shall include, but are not limited to:
- a. Value and length of time for exceedance of applicable parameters monitored under sections 40 CFR 60.756 (a), (b), (c), and (d);

- b. Description and duration of all periods when the gas stream is diverted from the control device through a bypass line or the indication of bypass flow as specified under 40 CFR 60.765;
- c. All periods when the collection system was not operating in excess of five days;
- d. The location of each exceedance of the 500 parts per million surface methane concentration as provided in 40 CFR 60.753(d), and the concentration recorded at each location for which an exceedance was recorded in the previous month;
- e. Description and duration of all periods when the control device was not operating for a period exceeding one hour and length of time the control device was not operating;
- f. The date of installation and location of each well or collection system expansion added pursuant to (a) (3), (b), and (c) (4) of 60.755 or added as part of the expansion of the collection system associated with phases I-V of WRDU.

One copy of the reports shall be submitted to the U.S. Environmental Protection Agency at the address specified in Condition 26. The semi-annual reports, to include 40 CFR 63 NESHAP Subpart AAAA reports (Subsection 63.1930), shall be submitted by March 1 and September 1 of the calendar year.

(9VAC5-80-110, 40 CFR 60.757(f), 40 CFR 63.1980(a), and Condition 26 of 9/27/18 NSR Permit)

- 28. Landfill Requirements - Reporting - The permittee shall submit a closure report to the Regional Air Compliance Manager of the DEQ's NRO, within thirty days of the date the landfill stopped accepting municipal solid waste as required by 40 CFR 60, Subpart WWW. (9VAC5-80-110, 40 CFR 60.757(d), 40 CFR 63.1980(a), and Condition 27 of 9/27/18 NSR Permit)
- 29. Landfill Requirements - Reporting - The permittee shall submit an equipment removal report to the Regional Air Compliance Manager of the DEQ's NRO, at least thirty days prior to the removal or cessation of operation of the control equipment. (9VAC5-80-110, 40 CFR 60.757(e), 40 CFR 63.1980(a), and Condition 28 of 9/27/18 NSR Permit)

Insignificant Emission Units

- 30. Insignificant Emission Units - The following emission units at the facility are identified in the application as insignificant emission units under 9VAC5-80-720:

| Emission Unit No. | Emission Unit Description | Citation | Pollutant(s) Emitted (9VAC5-80-720 B) | Rated Capacity (9VAC5-80-720 C) |
|---------------------------|--|----------------|---------------------------------------|---------------------------------|
| G001 | One (1) Caterpillar Model # D40P1S, engine-generator set | 9VAC5-80-720.C | -- | 40 kW |
| G002 | One (1) Cummins Model #35DSFAA engine-generator set | 9VAC5-80-720.C | -- | 35 kW (145 HP) |
| G003 | One (1) Cummins Model #10DSKAA engine-generator set | 9VAC5-80-720.C | -- | 10 kW (27 HP) |
| P003, P005 & P010 | Three (3) Above Ground Diesel Fuel Storage Tanks | 9VAC5-80-720.B | VOC | -- |
| P004 | One (1) Above Ground Gasoline Storage Tank | 9VAC5-80-720.B | VOC | -- |
| P006, P007A, P007B & P011 | Four (4) Propane Storage Tanks | 9VAC5-80-720.B | VOC | -- |
| P008-P009 | Two Portable Generators | 9VAC5-80-720.C | -- | 1 kW (5 HP), each |

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9VAC5-80-110. (9VAC5-80-110)

Permit Shield & Inapplicable Requirements

31. Permit Shield & Inapplicable Requirements - Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

| Citation | Title of Citation | Description of Applicability |
|-----------------------|---|---|
| 40 CFR 60, Subpart Kb | Volatile Organic Liquid Storage Vessels | The leachate storage tanks have vapor pressures less than the NSPS Kb specified threshold limits. |

| Citation | Title of Citation | Description of Applicability |
|--------------------|--|---|
| 40 CFR 64 | Compliance Assurance Monitoring | The landfill is subject to an NSPS that was proposed after 11/15/1990; therefore, the regulation is not applicable. |
| 40 CFR 72 | Acid Rain Regulations | The landfill is not considered a "qualifying facility". |
| 40 CFR 98 | Greenhouse Gas Reporting | Requirements in the GHG reporting rule in 40 CFR 98 are currently not included in the definition of "applicable requirement" in 40 CFR 70.2 and 71.2. |
| 9VAC5-40 Rule 4-43 | Emission Standards for Municipal Solid Waste Landfills | Does not apply since the facility was modified after 05/30/91. |

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by (i) the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.

(9VAC5-80-110 and 9VAC5-80-140)

General Conditions

32. General Conditions - Maintenance/Operating Procedures - At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate the affected source, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions. The permittee shall take the following measures in order to minimize the duration and frequency of excess emissions, with respect to air pollution control equipment and process equipment which affect such emissions:
- Develop a maintenance schedule and maintain records of all scheduled and non-scheduled maintenance.
 - Maintain an inventory of spare parts.
 - Have available written operating procedures for equipment. These procedures shall be based on the manufacturer's recommendations, at a minimum.
 - Train operators in the proper operation of all such equipment and familiarize the operators with the written operating procedures, prior to their first operation of such equipment. The permittee shall maintain records of the training.

Records of maintenance and training shall be maintained on site for a period of five years and shall be made available to DEQ personnel upon request.

(9VAC5-80-110, 9VAC5-50-20 E and Condition 32 of 9/27/18 NSR Permit)

33. General Conditions - Violation of Ambient Air Quality Standard - The permittee shall, upon request of the DEQ, reduce the level of operation or shut down a facility, as necessary to avoid violating any primary ambient air quality standard and shall not return to normal operation until such time as the ambient air quality standard will not be violated.
(9VAC5-80-110, 9VAC5-20-180 and Condition 36 of 9/27/18 NSR Permit)
34. General Conditions - Federal Enforceability - All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9VAC5-80-110)
35. General Conditions - Permit Expiration
 - a. This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9VAC5-80-80, the right of the facility to operate shall be terminated upon permit expiration.
 - b. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.
 - c. If an applicant submits a timely and complete application for an initial permit or renewal under 9VAC5-80-80 F, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9VAC5 Chapter 80, until the Board takes final action on the application under 9VAC5-80-150.
 - d. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9VAC5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9VAC5 Chapter 80.
 - e. If an applicant submits a timely and complete application under section 9VAC5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9VAC5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

- f. The protection under subsections F 1 and F 5 (ii) of section 9VAC5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9VAC5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

(9VAC5-80-80, 9VAC5-80-110 and 9VAC5-80-170)

- 36. General Conditions - Recordkeeping and Reporting - All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

- a. The date, place as defined in the permit, and time of sampling or measurements;
- b. The date(s) analyses were performed;
- c. The company or entity that performed the analyses;
- d. The analytical techniques or methods used;
- e. The results of such analyses; and
- f. The operating conditions existing at the time of sampling or measurement.

(9VAC5-80-110)

- 37. General Conditions - Recordkeeping and Reporting - Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

(9VAC5-80-110)

- 38. General Conditions - Recordkeeping and Reporting - The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

- a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31; and
- b. All deviations from permit requirements. For purpose of this permit, deviations include, but are not limited to:
 - i. Exceedances of emissions limitations or operational restrictions;

- ii. Excursions from control device operating parameter requirements, as documented by continuous emission monitoring or periodic monitoring, or Compliance Assurance Monitoring (CAM) which indicates an exceedance of emission limitations or operational restrictions; or,
 - iii. Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.
- c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."
(9VAC5-80-110)

39. General Conditions - Annual Compliance Certification - Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices for the period ending December 31. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. The permittee shall maintain a copy of the certification for five (5) years after submittal of the certification. This certification shall be signed by a responsible official, consistent with 9VAC5-80-80 G, and shall include:

- a. The time period included in the certification. The time period to be addressed is January 1 to December 31;
- b. The identification of each term or condition of the permit that is the basis of the certification;
- c. The compliance status;
- d. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance;
- e. Consistent with subsection 9VAC5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period;
- f. Such other facts as the permit may require to determine the compliance status of the source; and

- g. One copy of the annual compliance certification shall be submitted to EPA in electronic format only. The certification document should be sent to the following electronic mailing address:

R3_APD_Permits@epa.gov

(9VAC5-80-110 K.5)

40. General Conditions - Permit Deviation Reporting - The permittee shall notify the Regional Air Compliance Manager of the DEQ's NRO within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to Condition 38 of this permit.
(9VAC5-80-110 F.2)
41. General Conditions - Failure/Malfunction Reporting - In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall no later than four daytime business hours after the malfunction is discovered, notify the Regional Air Compliance Manager of the DEQ's NRO such failure or malfunction and within 14 days provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Regional Air Compliance Manager of the DEQ's NRO.
(9VAC5-80-110 and 9VAC5-20-180)
42. General Conditions - Failure/Malfunction Reporting - The emission units that have continuous monitors subject to 9VAC5-40-50 C and 9VAC5-50-50 C are not subject to the 14 day written notification.
(9VAC5-20-180)
43. General Conditions - Severability - The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9VAC5-80-110)
44. General Conditions - Duty to Comply - The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is ground for

enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.

(9VAC5-80-110)

45. General Conditions - Need to Halt or Reduce Activity not a Defense - It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9VAC5-80-110)
46. General Conditions - Permit Modification - A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9VAC5-80-50, 9VAC5-80-1100, 9VAC5-80-1605, or 9VAC5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9VAC80-110, 9VAC5-80-190 and 9VAC5-80-260)
47. General Conditions - Property Rights - The permit does not convey any property rights of any sort, or any exclusive privilege.
(9VAC5-80-110)
48. General Conditions - Duty to Submit Information - The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
(9VAC5-80-110)
49. General Conditions - Duty to Submit Information - Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9VAC5-80-80 G.
(9VAC5-80-110)
50. General Conditions - Duty to Pay Permit Fees - The owner of any source for which a permit under 9VAC5-80-50 through 9VAC5-80-300 was issued shall pay permit fees consistent with the requirements of 9VAC5-80-310 through 9VAC5-80-350 in addition to an annual permit maintenance fee consistent with the requirements of 9VAC5-80-2310 through 9VAC5-80-2350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by DEQ. The amount of the annual permit maintenance fee shall be

the largest applicable base permit maintenance fee amount from Table 8-11A in 9VAC5-80-2340, adjusted annually by the change in the Consumer Price Index.
(9VAC5-80-110, 9VAC5-80-340 and 9VAC5-80-2340)

51. General Conditions - Fugitive Dust Emission Standards - During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;
 - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or similar operations;
 - d. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,
 - e. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.
- (9VAC5-80-110 and 9VAC5-50-90)
52. General Conditions - Startup, Shutdown, and Malfunction - At all times, including periods of startup, shutdown, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9VAC5-80-110 and 9VAC5-50-20 E)

53. General Conditions - Alternative Operating Scenarios - Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9VAC5 Chapter 80, Article 1.
(9VAC5-80-110)
54. General Conditions - Inspection and Entry Requirements - The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:
- a. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.
 - b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.
 - d. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
(9VAC5-80-110)
55. General Conditions - Reopening for Cause - The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9VAC5-80-80 F. The conditions for reopening a permit are as follows:
- a. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
 - b. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

- c. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9VAC5-80-110 D.
(9VAC5-80-110)
- 56. General Conditions - Permit Availability - Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9VAC5-80-110 and 9VAC5-80-150)
- 57. General Conditions - Transfer of Permits
 - a. No person shall transfer a permit from one location to another, unless authorized under 9VAC5-80-130, or from one piece of equipment to another.
 - b. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9VAC5-80-200.
 - c. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9VAC5-80-200.
(9VAC5-80-110 and 9VAC5-80-160)
- 58. General Conditions - Permit Revocation or Termination for Cause - A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9VAC5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any grounds for revocation or termination or for any other violations of these regulations.
(9VAC5-80-110, 9VAC5-80-190 C and 9VAC5-80-260)
- 59. General Conditions - Duty to Supplement or Correct Application - Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9VAC5-80-110 and 9VAC5-80-80 E)

60. General Conditions - Stratospheric Ozone Protection - If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(9VAC5-80-110 and 40 CFR Part 82)
61. General Conditions - Asbestos Requirements - The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9VAC5-60-70 and 9VAC5-80-110)
62. General Conditions - Accidental Release Prevention - If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(9VAC5-80-110 and 40 CFR Part 68)
63. General Conditions - Changes to Permits for Emissions Trading - No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9VAC5-80-110)
64. General Conditions - Emissions Trading - Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:
 - a. All terms and conditions required under 9VAC5-80-110, except subsection N, shall be included to determine compliance.
 - b. The permit shield described in 9VAC5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.
 - c. The owner shall meet all applicable requirements including the requirements of 9VAC5-80-50 through 9VAC5-80-300.
(9VAC5-80-110)